

Work Order ID 90612

90612

Page 1

September-20-12 12:44:28 PM

Item ID: D350-616-015

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Deck Plate

Start Date: 9/21/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/12/12 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12-09-21 Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D350-616	E

100

0.00

100

DC

Document Control

Memo

Photocopy bluefile and create labels per PPP D350-616-015
CHG002

0.00

110

Pick Kit

0.00

110

Packaging

Memo

Packaging

0.00

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Quality Control

Memo

0.00

Handwritten signature and date: 12-11-13

Handwritten signature and date: 12/14/13

Handwritten initials and date: 12/13

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:25%;">Skid-tube <input type="checkbox"/></td> <td style="width:25%;">Crosstube <input type="checkbox"/></td> <td style="width:25%;">Water Jet <input type="checkbox"/></td> <td style="width:25%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Equip/Tooling <input type="checkbox"/>																											
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Unapproved <input type="checkbox"/>																											
FAULT CATEGORY																											
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Page 2

Item ID: D350-616-015

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Deck Plate

Start Date: 9/21/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/12/12 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-616-015								
	Location: <u>023</u>								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

SL 12/11/13 SL

12/11/14 JG

u 12.11.14

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Equip/Tooling <input type="checkbox"/>											
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Picklist Print

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Page 1

Work Order ID: 90612
Parent Item: D350-616-015
Parent Item Name: Deck Plate

Start Date: 9/21/12
Start Qty: 1.00

Required Date: 10/12/12
Required Qty: 1.00

Comments: IPP Rev:C Removed Manufacturing 05-12-05 JLM
IPP Rev:D Add D3494-1 05-12-05 JLM
IPP rev E added parts per NCR 08-041 08.04.30 EC verified by: DD
IPP Rev:F 08-12-10 rev.E as per dwg DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN960JD10 Washer	NAS1149D0363J	Purchased	No			110	Each	0.0000	10	10		9/21/12	
D2344 Litter Deck Plate, 350		Manufactured	No			110	Each	9.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST220a		9							
				89132		9							
D2348 Wearplate		Manufactured	No			110	Each	39.0000	4	4			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST009		39							
				84753		1							
				89129		38							
D2353 Stiffener		Manufactured	No			110	Each	8.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST220.		5							
				89209		5							
				ST224		1							
				85969		1							
				ST225		2							
				79474		2							
D2364 Deck Plate, Fwd 350 Litt		Manufactured	No			110	Each	9.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST220a		9							
				89094		9							

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

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Work Order ID: 90612
Parent Item: D350-616-015
Parent Item Name: Deck Plate

Start Date: 9/21/12

Required Date: 10/12/12

Start Qty: 1.00

Required Qty: 1.00

D2365 Wearplate SMS	Manufactured	No	110	Each	33.0000	2	2	8/29	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST009	33					
			89065	33					
D2369-1 Deck Plate Locator Brackets SMS	Manufactured	No	110	Each	16.0000	1	1	8/29	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST241A	16					
			89158	16					
D2369-2 Deck Plate Locator Brackets SMS	Manufactured	No	110	Each	13.0000	1	1	8/29	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST241A	13					
			89414	13					
D3494-1 Stub Cover SMS	Manufactured	No	110	Each	1.0000	1	1	8/29	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST224	1					
			86034	1					
MS20426AD4-S Rivet SMS	Purchased	No	110	Each	4,174.0000	25	25	8/29	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST317	4174					
			6874	4174					

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Shop Packet Print

Page 2

NCR: Yes / No

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Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

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Page 3

Work Order ID: 90612

Parent Item: D350-616-015

Parent Item Name: Deck Plate

Start Date: 9/21/12

Required Date: 10/12/12

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-6

Rivet

Purchased

No

110

Each

2,898.0000

25

25

Location

Loc Qty

Loc Code

ST317

1011

110139

187

119436

7

121708

817

ST334

1887

122814

1887

MS20426AD5-7

Rivet

Purchased

No

110

Each

927.0000

6

6

Location

Loc Qty

Loc Code

ST318

927

101340

927

MS20426AD5-8

Rivet

Purchased

No

110

Each

1,027.0000

6

6

Location

Loc Qty

Loc Code

ST318

1027

4533

1027

MS20601-AD4W2

Rivet

Purchased

No

110

Each

64.0000

15

15

Location

Loc Qty

Loc Code

ST311

64

122539

64

MS20601-AD4W3

Rivet

Purchased

No

110

Each

1,209.0000

30

30

Location

Loc Qty

Loc Code

ST321

1209

114538

1209

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WORK ORDER NON-CONFORMANCE / UPDATE

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Unapproved <input type="checkbox"/>																											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

September-20-12 12:44:27 PM

Page 4

Work Order ID: 90612

Parent Item: D350-616-015

Parent Item Name: Deck Plate

Start Date: 9/21/12

Required Date: 10/12/12

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Nut

Purchased

No

110

Each

2,562.0000

6

6

1123265

SMB

Location

Loc Qty

Loc Code

316

719

122452

719

ST300

574

117885

32

119017

404

119075

138

ST317

1269

122141

1269

MS24693-G273

Screw

Purchased

No

110

Each

237.0000

6

6

SMB

Location

Loc Qty

Loc Code

304

12

122441

12

ST310

225

120308

23

121060

2

122539

200

122441 40

122539 24

MS24693-G48

Screw

Purchased

No

110

Each

101.0000

22

22

SMB

Location

Loc Qty

Loc Code

304

19

122441

19

ST300

82

122993

82

122993

MS35207-264

Screw

Purchased

No

110

Each

3.0000

4

4

123352

SMB

Location

Loc Qty

Loc Code

ST294

3

121415

3

September-20-12 12:44:27 PM

Shop Packet Print

Page 4

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:33%;">Skid-tube <input type="checkbox"/></td> <td style="width:33%;">Crosstube <input type="checkbox"/></td> <td style="width:33%;">Water Jet <input type="checkbox"/></td> <td style="width:33%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																								
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>																								
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>																								
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector																		
Doc/Data <input type="checkbox"/>																											
Equip/Tooling <input type="checkbox"/>																											
Operator <input type="checkbox"/>																											
Material <input type="checkbox"/>																											
Setup <input type="checkbox"/>																											
Other <input type="checkbox"/>																											
Process <input type="checkbox"/>																											
Supplier <input type="checkbox"/>																											
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REFERENCE ONLY S m/s

QTY - 011	Qty - 013	Qty - 015	Part Number	Description
X			D350-616-011	Full Litter Kit
1	X		D350-616-013	Deck Plate and Tie Down Kit
	1	X	D350-616-015	Deck Plate Kit
		1	D2344	DECK PLATE (AFT)
		4	D2348	WEAR PLATE (KEY-WAY)
		1	D2353	STIFFENER
	1		D2360	LITTER TIE DOWN (LOCKING)
		1	D2364	DECK PLATE (FWD)
		2	D2365	WEAR PLATE (PIP PIN)
		1	D2369-1	LOCATOR PLATE
		1	D2369-3	LOCATOR PLATE
1			D2370	LITTER ASSEMBLY
1			D2493	PATIENT STOP
	1		D3179-041	LITTER TIE DOWN (NON-LOCKING)
		1	D3494-1	STUB COVER
		25	MS20426AD4-5	RIVET
		25	MS20426AD4-6	RIVET
		6	MS20426AD5-7	RIVET
		6	MS20426AD5-8	RIVET
		15	MS20601AD4W2	BLIND RIVET (or CR9162-4-2)
		30	MS20601AD4W3	BLIND RIVET (or CR9162-4-3)
		6	MS21042L3	NUT (or MS21042-3)
		6	MS24693-C273	SCREW (or MS24693-273)
		22	MS24693-C48	SCREW (or MS24693-48)
		4	MS35207-264	SCREW
		10	NAS1149D0363J	WASHER (or AN960JD10)

RELEASED
08/11/21

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: D. SHEPHERD (DE # 02)

DATE: 08.11.07
CERT. NO.: SH96-10
ISSUE NO.: 2

E	MAKE DSI 9310 STANDARD; D3179-041 REPLACES D2350	RF	08.11.07
D	ADD D3494-1 STUB COVER	MB	06.01.19
C	ADD DSI 9112/9117/9130/9236/9310	MB	06.01.10
B	ADD VIEW OF D2493 TO SHEET 9	BW	96.01.09
A	NEW ISSUE	BW	95.02.20
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DS	DRAWING NO.	REV. E
MFG. APPR.	N/A	D350-616	SHEET 1 OF 12
APPROVED	DS	TITLE	SCALE
DE APPR.		AS350/355 LITTER KIT INSTALLATION	NTS
DATE	08.11.07	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	